plicant:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CONRAD ET AL.

Examiner:

UNKNOWN

erial No.:

10/698,819

Group Art Unit:

3736

Filed:

OCTOBER 31, 2003

Docket:

13033.12US01

Confirmation

No.:

5410

Title:

AIRWAY IMPLANT

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents P.O. Box 1450, on May 20, 2004.

23552 PATENT TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

Transmittal Sheet in duplicate containing Certificate of Mailing

Supplemental Information Disclosure Statement, Form 1449, 2 Reference(s)

Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C. P.O. Box 2903, Minneapolis, MN 55402-0903 612.332.5300

Name: Karen A. Fitzsimmons

Reg. No.: 50,470 KFitzsimmons:PLStov 10/698,819 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicant(s) do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked

as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.

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Date: May 24, 2004

Karen A. Fitzsimmons

Reg. No. 50,470

KAF:PLStov

23552

PATENT TRADEMARK OFFICE

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION		Docket Number: 13033.12US01	''	
		Applicant: CONRAD ET AL.		
MAY 2 8 2004 2	(Use several sheets if necessary)	Filing Date: 10/31/2003	Group Art Unit: 3736	

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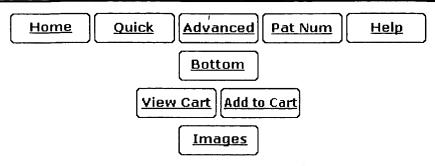
23552
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EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

United States Patent: 5,558,641 Page 1 of 14

USPTO PATENT FULL-TEXT AND IMAGE DATABASE



(1 of 1)

United States Patent

5,558,641

Glantz, et al.

September 24, 1996

Hybrid portal and method

Abstract

The present invention provides an subcutaneously implantable access device including a metallic reservoir and a two piece plastic jacket. The metallic reservoir includes a sealed septum, and a chamber. The chamber is accessible through the septum. A two piece plastic jacket surrounds the metallic reservoir. The two piece jacket includes a cowl and a base connected to one another around the reservoir. A dual port construction is also provided.

Inventors: Glantz; Jerald (Lake Elmo, MN); Anderson; Mark D. (Stacy, MN); Johnson; Theodore

A. (St. Paul, MN); Beling; William L. (New Brighton, MN); Qingsheng; Cai (St. Paul,

MN)

Assignee: Sims Deltec, Inc. (St. Paul, MN)

Appl. No.: 372776

Filed: **January 13, 1995**

Current U.S. Class:

604/288.02; 604/175

Intern'l Class:

A61M 005/32

Field of Search:

604/93,82,83,86,49,252,256,167,174,175

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